

## GRIZELLE GONZÁLEZ

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### Professional Preparation

University of Puerto Rico Biology B.S.

University of Puerto Rico Biology M.S.

University of Colorado-Boulder Soil Ecology/Biology Ph.D.

### Appointments

Project Leader, Research Unit, USDAFS IITF, Río Piedras (2012- present); Associated Faculty, Dept. of Environmental Sciences, Univ. of Puerto Rico-Río Piedras (2010 – present); Adjunct Faculty, Dept. of Biology, Univ. of Puerto Rico-Río Piedras (2004 – present); Director, Sabana Field Research Station, Luquillo, Puerto Rico (2003 – present); Research Ecologist, USDAFS IITF, Río Piedras (2000 – present); Research Associate, University of AK, (2000 to present).

### Five Recent Relevant Publications (over 70 total)

Van Beusekom, A.E., **González, G.** and Rivera, M.M. 2015. Short-term precipitation and temperature trends along an elevation gradient in Northeastern Puerto Rico. *Earth Interactions* 19:1-33.

**González, G.**, Lodge, D.J., Richardson, B.A. and Richardson, M.J. 2014. A canopy trimming experiment in Puerto Rico: the response of litter decomposition and nutrient release to canopy opening and debris deposition in a subtropical wet forest. *Forest Ecology and Management* 332: 32-46.

Shiels, A.B. and **González, G.** 2014. Understanding the key mechanisms of tropical forest responses to canopy loss and biomass deposition from experimental hurricane effects. *Forest Ecology Management* 332: 1-10

**González, G.**, Willig, M.R., and Waide, R.B. 2013. Ecological gradient analyses in a tropical landscape: multiple perspectives and emerging themes. *Ecological Bulletins* 54: 13-20.

**González, G.**, Gould, W.A., Hudak, A.T., and Hollingsworth, T. 2008. Decay of aspen (*Populus tremuloides* Michx.) wood in moist and dry boreal, temperate and tropical forest fragments. *Ambio* 37(7-8):577-587.

### Synergistic Activities

Member, Special Working Group for Commonwealth Government of Puerto Rico for Strategic Augmentation of Conservation Areas in PR (December 2014 to present); Member, National Inventory Monitoring and Assessment Steering Committee of USFS National Forest System, Washington DC (2014 to present); Co-PI, US NSF Award to Univ. of Puerto Rico, DEB 1239764 (\$1.96M), Understanding Change in the Ecosystems of Northeastern Puerto Rico (Jan 2014 to Dec 2015); Co-PI, US NSF Award to Univ. of New Hampshire, EAR 1331841 (\$5M) Luquillo CZO: The role of hot spots and hot moments in tropical landscape evolution and functioning of the critical zone ( Sept 2013 to Aug 2018); Science Advisor and Member, Interdisciplinary Team of El Yunque National Forest Management Plan (2012-present); Co-Editor, Special Section of BioScience. *In progress.* Tropical Forest Responses to Large-scale Experiments.